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1 for JP39-25050

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Bibliographic Information

2-Aminoquinazoline derivatives. Ikiguma, Shin; Kawamura, Masaaki; Tachikawa, Ryuji; Miyadera, Tetsuo; Baba, Yoshihiko. (Sankyo Co., Ltd.). (1964), 3 pp. JP 39025050 19641107 Showa. Patent language unavailable. Application: JP 19620510. Priority: JP 19620510. CAN 62:66590 AN 1965:66590 CAPLUS (Copyright (C) 2007 ACS on SciFinder (R))

Patent Family Information

| <u>Patent No.</u> | <u>Kind</u> | <u>Date</u> | <u>Application No.</u> | <u>Date</u> |
|-------------------|-------------|-------------|------------------------|-------------|
| JP 39025050 | B | 19641107 | JP | 19620510 |

Priority Application

JP 19620510

Abstract

Na₂S₂ soln. (prepd. from 10 g. Na₂S, 2.5 g. S, and 15 cc. H₂O) was dropped into 100 cc. boiling ethanolic soln. of 6.8 g. 2-methoxy-6-nitrobenzaldehyde, the whole refluxed 2 hrs. and cooled, 200 cc. H₂O added, and the mixt. extd. with Et₂O to give 3.5 g. 2-methoxy-6-aminobenzaldehyde (I), red oil. A mixt. of 3.5 g. I, 5.6 g. guanidine nitrate, and 2.1 g. Na₂CO₃ was refluxed in 100 cc. Decalin 30 min. to give 1.3 g. 2-amino-5-methoxyquinazoline, m. 240°, sublimed apprx. 160-80°/0.03 mm. Hg. Similarly prep'd. were 2-amino-6-methoxyquinazoline, m. 190-2° (MeOH); 2-amino-8-methoxyquinazoline, m. 150-2° (MeOH); 2-amino-7-methoxyquinazoline, m. 218-20°; 2-amino-5-methyl-8-methoxyquinazoline, m. 235-7° (MeOH); 2-amino-6-methyl-8-methoxyquinazoline, m. 178° (MeOH-C₆H₆); 2-amino-7-methyl-8-methoxyquinazoline, m. 263° (CHCl₃); and 2-amino-6-hydroxymethyl-8-methoxyquinazoline, m. 223-4° (MeOH). The products are blood pressure depressant, ganglionic blocking agent, or reserpine-like drug.

Indexing -- Section 38 (Heterocyclic Compounds (More Than One Hetero Atom)

Blood pressure

Blood pressure

(-lowering substances, 2-aminoquinazoline derivs. as)

Bactericides, Disinfectants and Antiseptics

(2-amino-5,6,7,8-tetrahydroquinazoline derivs. as)

Bactericides, Disinfectants and Antiseptics

(2-aminoquinazoline derivs. as)

Nerve centers

(blocking agents for, 2-aminoquinazoline derivs. as)

Allergy

(inhibitors of, 2-amino-5,6,7,8-tetrahydroquinazoline derivs. as)

Allergy

(inhibitors of, 2-aminoquinazoline derivs. as)

50-55-5, Reserpine

(compds. related to, 2-aminoquinazoline derivs. as)

1687-51-0, Quinazoline, 2-amino-
(derivs.)

704-29-0P, m-Anisaldehyde, 2-amino-5-methyl-

704-62-1P, Quinazoline, 2-amino-5,6,7,8-tetrahydro-6-methyl-

704-76-7P, Cyclohexanone, 2-(ethoxymethylene)-4-methyl-

708-15-6P, Quinazoline, 2-amino-8-methoxy-

708-16-7P, Quinazoline, 2-amino-5-methoxy-

709-02-4P, Quinazoline, 2-amino-7-methoxy-

709-06-8P, Quinazoline, 2-amino-6-methoxy-

711-74-0P, Quinazoline, 2-amino-8-methoxy-7-methyl-

711-81-9P, Quinazoline, 2-amino-8-methoxy-6-methyl-

716-05-2P, 6-Quinazolinemethanol, 2-amino-8-methoxy-

3317-91-7P, Quinazoline, 2-amino-8-methoxy-5-methyl-

Role: PREP (Preparation)

(prepn. of)